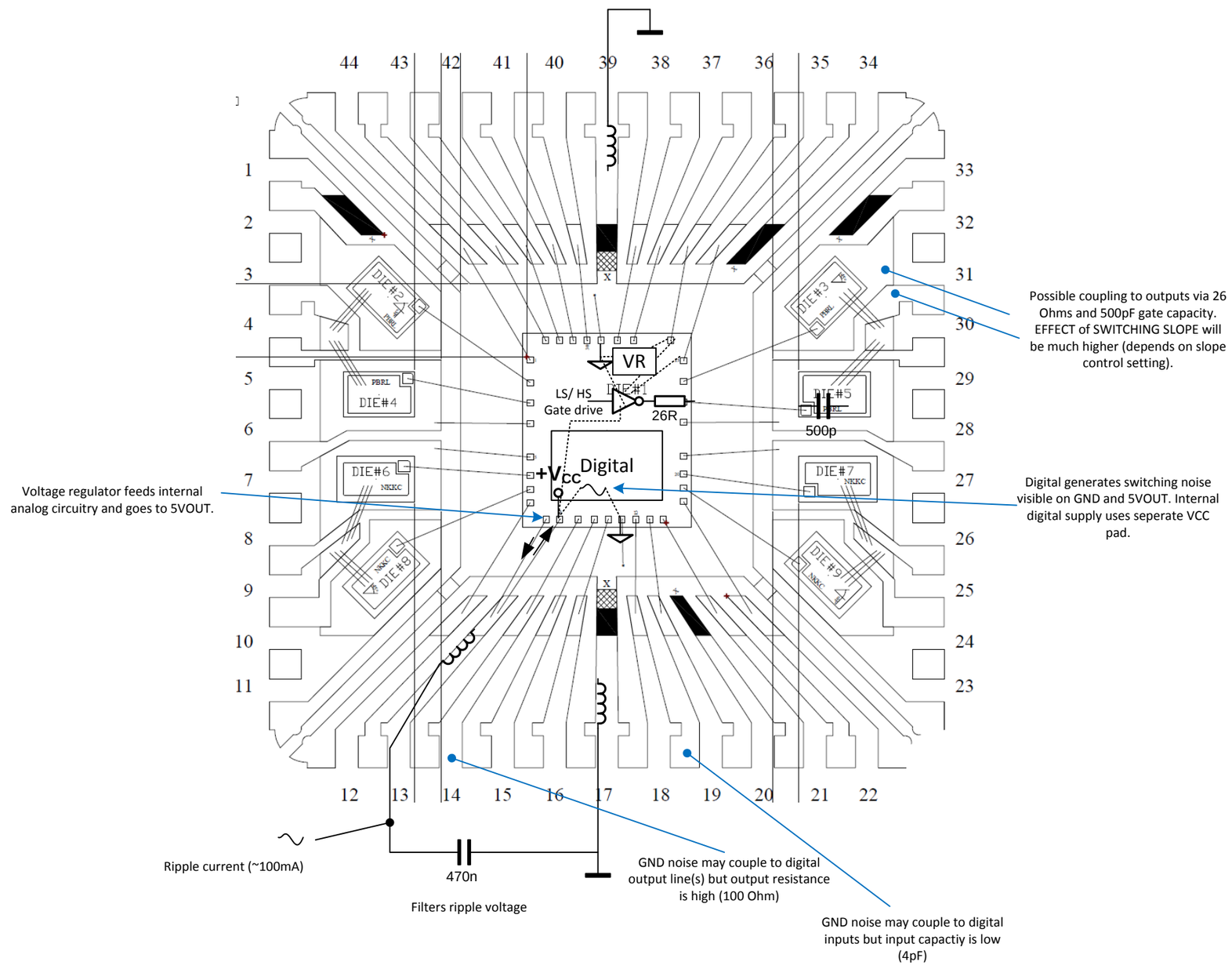
44 43 42 41 40 39 38 37 36 35 34
1 2 3 4 5 6 7 8 9 10 11
33 32 31 30 29 28 27 26 25 24 23
12 13 14 15 16 17 18 19 20 21 22
DIE#1
DIE#2
DIE#3
DIE#4
DIE#5
DIE#6
DIE#7
DIE#8
DIE#9
VR
LS/ HS
Gate drive
26R
500p
+Vcc
Digital
Possible coupling to outputs via 26 Ohms and 500pF gate capacity. EFFECT of SWITCHING SLOPE will be much higher (depends on slope control setting).
Voltage regulator feeds internal analog circuitry and goes to 5VOUT.
Digital generates switching noise visible on GND and 5VOUT. Internal digital supply uses seperate VCC pad.
Ripple current (~100mA)
470n
Filters ripple voltage
GND noise may couple to digital output line(s) but output resistance is high (100 Ohm)
GND noise may couple to digital inputs but input capactiy is low (4pF)